

Converting Colors

$Y_{xy}(25.7877, 0.3856, 0.4953)$

Have a look what the booklet for
Yxy(25.7877, 0.3856, 0.4953)
contains.

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Color

Yxy(25.7877, 0.3856, 0.4953)

Conversions

Conversions Part 1

Format	Color
Hex	82932B
RGB	130, 147, 43
RGB Percent	51%, 58%, 17%
CMY	0.4902, 0.4235, 0.8315
CMYK	0.12, 0.00, 0.71, 0.42
HSL	70°, 55%, 37%
HSV	70°, 71%, 58%
XYZ	20.0762, 25.7877, 6.2009
YIQ	130.0610, 23.2520, -35.9480

Conversions

Conversions Part 2

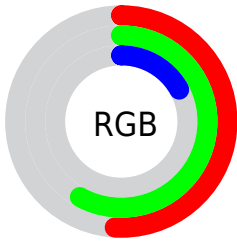
Format	Color
RYB	43, 147, 60
Decimal	8557355
CIELab	57.83, -20.48, 50.35
CIELCh	58, 54.360, 112.134
Yxy	25.7877, 0.3856, 0.4953
Android (android.graphics.Color)	4286747435 (0xFF82932B)
YUV	130.0610, -42.9211, -0.0535
Hunter-Lab	50.7816, -18.2989, 28.3072

Details

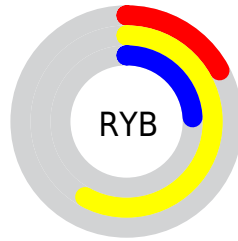
The Yxy color **25.7877, 0.3856, 0.4953** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.7909, 0.1954, 0.1172**, and the grayscale version is **22.4943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9138, 0.3747, 0.4615**, and **9.9435, 0.3868, 0.5310** is the 20% darker color. If you saturate the color by 10%, you get **25.5121, 0.3897, 0.5101**, and if you desaturate by 10%, it is **26.1089, 0.3791, 0.4766**.

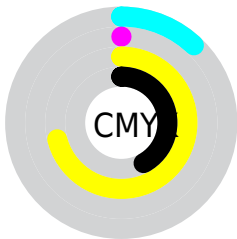
Distribution



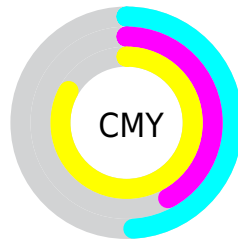
- Red (51%)
- Green (58%)
- Blue (17%)



- Red (17%)
- Yellow (58%)
- Blue (24%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (42%)




- Cyan (49%)
- Magenta (42%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7877, 0.3856, 0.4953 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.7877, 0.3856, 0.4953 by changing the saturation by 10% instead.


 25.7877, 0.3856,
0.4953


 25.7877, 0.3856,
0.4953


281.7384, 0.3517,
0.4042

 16.6649, 0.3910,
0.5188


 52.9323, 0.3749,
0.4610

 9.9959, 0.3948,
0.5481


 71.7228, 0.3703,
0.4484


 5.3962, 0.4025,
0.5975

 94.5047, 0.3662,
0.4379

 2.4816, 0.3764,
0.6236

 121.6623, 0.3626,
0.4290

 0.8674, 0.2722,
0.7278

 153.5801, 0.3594,
0.4214

 0.0000, 0.0000,
0.0000

 190.6425, 0.3565,

0.4149

233.2337, 0.3540,
0.4092

■ 25.7877, 0.3856,
0.4953

■ 25.7877, 0.3856,
0.4953

■ 25.5121, 0.3897,
0.5101

■ 26.1089, 0.3791,
0.4766

■ 25.2743, 0.3913,
0.5206

■ 26.4761, 0.3706,
0.4548

■ 25.0786, 0.3913,
0.5275

■ 26.8936, 0.3605,
0.4307

■ 27.3647, 0.3493,
0.4055

■ 27.8920, 0.3375,
0.3800

■ 28.4781, 0.3255,
0.3549

■ 29.1253, 0.3136,
0.3308

■ 29.8361, 0.3022,
0.3081

■ 30.6123, 0.2914,
0.2870

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.7877, 0.4573, 0.4489



25.7877, 0.3856, 0.4953



25.7877, 0.2998, 0.4871

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.7877, 0.3856, 0.4953



25.7877, 0.1591, 0.2334



25.7877, 0.3987, 0.2624

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.7877, 0.3856, 0.4953



4.7909, 0.1954, 0.1172

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.7877, 0.3034, 0.2184



25.7877, 0.3856, 0.4953



25.7877, 0.1763, 0.1991

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.7877, 0.3856, 0.4953



25.7877, 0.1734, 0.3058



25.7877, 0.2245, 0.1959



25.7877, 0.4733, 0.3205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.7877, 0.3856, 0.4953



25.7877, 0.2456, 0.4400



25.7877, 0.2245, 0.1959



25.7877, 0.3671, 0.2458

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.7889, 0.3856, 0.4953



49.8838, 0.3382, 0.3816



9.4611, 0.5220, 0.3525



11.3319, 0.3412, 0.3880



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7889, 0.3856, 0.4953



45.4249, 0.3910, 0.5169



22.7208, 0.3303, 0.5312



6.6972, 0.3236, 0.3510



21.7500, 0.3914, 0.5274



0.2765, 0.4059, 0.5159

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4.7909, 0.1954, 0.1172



5.4551, 0.1715, 0.0817



7.1845, 0.2624, 0.1492



5.6758, 0.3013, 0.3063



2.0025, 0.1585, 0.0647



0.0331, 0.1894, 0.0817

Previews

White Background



This preview shows how the Yxy color 25.7877, 0.3856, 0.4953 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 25.7877, 0.3856, 0.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

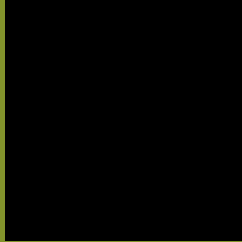
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7877, 0.3856, 0.4953

Background



This preview shows how black text looks on a background with the Yxy color 25.7877, 0.3856, 0.4953.



This preview shows how white text looks on a background with the Yxy color 25.7877, 0.3856, 0.4953.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.7877, 0.3856, 0.4953

Protanopia

25.6933, 0.4255, 0.4683

Deuteranopia

25.6085, 0.4480, 0.4406



Tritanopia

25.6049, 0.3049, 0.3109

Trichromacy



Original Color

25.7877, 0.3856, 0.4953

Protanomaly

25.7162, 0.4110, 0.4777

Deuteranomaly

25.2647, 0.4251, 0.4597

Tritanomaly

25.4098, 0.3389, 0.3828

Monochromacy



Original Color

25.7877, 0.3856, 0.4953

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.2360, 0.3460, 0.3977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7877, 0.3856, 0.4953 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 147, 43)` looks like.

```
.text, #text, p{  
    color:rgb(130, 147, 43)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 147, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 147, 43) }
```

Border

The CSS property to change the border of an element to Yxy 25.7877, 0.3856, 0.4953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 147, 43) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 147, 43) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 147, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 147, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 147, 43);  
box-shadow:4px 4px 4px 4px rgb(130, 147,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7877, 0.3856, 0.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 147, 43) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
147, 43) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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